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BASIC IMAGERY
INTERPRETATION
REPORT

NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER

LENINGRAD TV INSTITUTE LESNOY NII-380

[redacted] 25X1A

ELEC/COMMO/RADAR R&D FACILITIES
USSR
JUNE 1970

[redacted] 25X1A

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Approved For Release 2002/07/01 : CIA-RDP78T04563A000600010045-2

INSTALLATION OR ACTIVITY NAME	COUNTRY
Leningrad TV Institute Lesnoy NII-380	UR

UTM COORDINATES	GEOGRAPHIC COORDINATES
NA	60-00-13N 030-21-55E

25X1A

MAP REFERENCE

SAC. US Air Target Chart, Series 200, Sheets 0153-04 and 0103-25, scale 1:200,000

25X1D

ABSTRACT

Leningrad TV Institute Lesnoy NII-380 is probably concerned with prototype production related to television techniques and radar.

The institute consists of 22 buildings including two large administration/engineering buildings, three laboratory/engineering buildings, three workshops, and 14 support-type buildings.

This report contains a location map, a line drawing, a photograph, mensuration, and reference data.

INTRODUCTION

Lesnoy NII-380 is located in the Lesnoy district of northern Leningrad, USSR. The institute is situated between Pustoy Avenue and Politeknicheskaya Ulitsa (street). The northern limit of the institute is defined by a wall which separates the institute from the Leningrad Physico-Technical Institute Academy of Science

25X1A

A television institute was established in Leningrad in the early 1930s. Following World War II, the institute was relocated in the Lesnoy district of the city and the primary interest at the institute was the Tonne and Seadorf television equipment. (The Tonne, an airborne television transmitter, and the Seadorf, an airborne television receiver, were German inventions in use during World War II.)

Lesnoy NII-380 is probably administered by the State Committee on Radio Electronics of the USSR Council of Ministers.[1]

BASIC DESCRIPTION

The major elements of Lesnoy NII-380 include two large multistory administration/engineering buildings and three large laboratory/engineering buildings (Figure 1). Support for these buildings is provided by 17 miscellaneous support-type structures. The present floorspace of the institute totals approximately

25X1D

25X1D

Construction Chronology

Lesnoy NII-380 probably occupied existing structures when it was relocated in the postwar era. In 1948 the main building of Lesnoy NII-380 was reported to be a four-story T-shaped building.[1]

25X1D

25X1D

The institute was first observed on photography of limited interpretability At that time the institute consisted of two large multistory administration/engineering buildings (items 1 and 2, Figure 1 and Table 1), a laboratory/engineering building (item 15), a workshop (item 5), an equipment storage and maintenance building (item 6), and two utility buildings (items 3 and 4).

25X1D

The next usable photography was obtained Although of limited interpretability, the photography revealed two additional workshops (items 9 and 16), two

warehouses (items 7 and 8), and a motor pool. The motor pool consists of a utility building (item 13), three vehicle storage sheds (items 11, 11a, and 11b), and a vehicle maintenance building (item 12).

25X1D [redacted]

25X1D

25X1D [redacted] A new laboratory/engineering building (item 14) was observed under construction in [redacted] A utility building (item 10) was also identified [redacted]

25X1D A warehouse (item 19) and a utility building (item 20) were identified in the northwest corner of the area [redacted]

25X1D The laboratory/engineering building (item 14), observed in the early stages of
25X1D construction [redacted] had been completed [redacted] Photography of
25X1D [redacted] revealed a new warehouse (item 18) and an adjacent open storage area. The
25X1D initial construction of a second laboratory/engineering building (item 17) was observed on
25X1D photography [redacted]

25X1D [redacted]

25X1D The only construction activity observed at Lesnoy NII-380 [redacted] was the continuing construction of the second laboratory/engineering building. This building was
25X1D observed to be complete [redacted] At that time the two laboratory/engineering
25X1D buildings had been joined by an enclosed walkway.

25X1D [redacted] Leningrad TV Institute Lesnoy NII-380 contained approximately [redacted] of floorspace.

Production

25X1D [redacted] personnel at Lesnoy NII-380 were reportedly engaged in research and development on Tonne and Seadorf television equipment.[1] At present the institute is probably engaged in research and development of miniature television and radar components applicable to a missile guidance system. Additional work has been reported in the field of cathode ray tubes, photomultiplier tubes, long distance transmitters, and transistors.

Essential Services

The road and street network within the city of Leningrad affords the prime means of transportation for Lesnoy NII-380. There is easy access to any part of the city by this extensive pattern of improved serviceable thoroughfares.

There is no direct rail service available to the institute. However, there are two large rail yards near the institute and a vast network of rail lines throughout the area. This rail network is easily accessible by motor vehicle traffic.

The port facilities and the airports of Leningrad are also easily accessible via the city street pattern.

Security

Security for the institute is provided by a wall/fence combination. There are at least three personnel entrances and four vehicle entrances providing direct access to the institute grounds. Access to the grounds is probably controlled by a security guard force. All entrances are probably kept closed, except for periods when direct access is required through a particular gate or entrance.

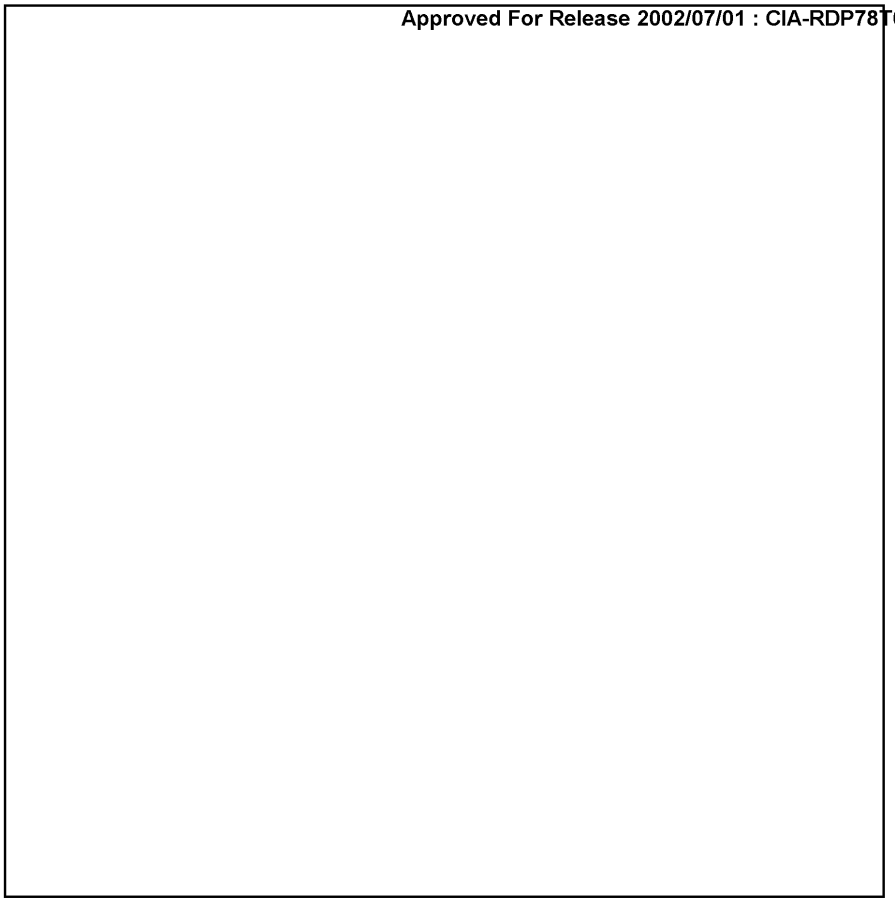

Table 1. Leningrad TV Institute Lennoy NII-380 (Keyed to Figure 1)

Item	Description	Remarks
1	Admin/engineering bldg	Multistory
2	Admin/engineering bldg	Multistory
a	Heating plant	[redacted]
3	Utility bldg	
4	Utility bldg	
5	Workshop	
6	Equip storage & maintenance bldg**	Tower tall [redacted]
7	Warehouse	
8	Warehouse	2 associated buried tanks
9	Workshop	
10	Utility bldg	
11	Vehicle storage shed**	
a	Vehicle storage shed**	
b	Vehicle storage shed	
12	Vehicle maintenance bldg	
13	Utility bldg**	
14	Lab/engineering bldg	Multistory bldg
15	Lab/engineering bldg	
16	Workshop	
17	Lab/engineering bldg	4-stories
18	Warehouse	
19	Warehouse	
20	Utility bldg**	

25X1D

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REFERENCES

[redacted]

MAPS OR CHARTS

SAC. US Air Target Chart, Series 200, Sheets 1053-04 and 0103-25, scale 1:200,000

DOCUMENT

1. Air Technical Intelligence Center. TWP-EL-59-1, *Scientific Research Institute 380, Leningrad,* 15 Jun 59 (SECRET/Not Releasable to Foreign Nationals)

REQUIREMENT

25X1 [redacted]
25X1D NPIC Project 220705

[redacted]

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